

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : To Be Assigned
Examiner: To Be Assigned

In re PATENT APPLICATION of

Applicants : Shin ISHIBASHI et al.

Appln. No.: To Be Assigned

Filed : January 29, 2004
Continuation of 09/571,334

For : FIBER OPTIC MODULE

Atty. Dkt. : 31238-200393

Customer Number: 26694

**Information
Disclosure Statement**

January 29, 2004

Mail Stop Reissue
Commissioner for Patents
PO Box 1450
Arlington, Va 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97-1.98.

A Form PTO 1449 listing 65 references is attached.

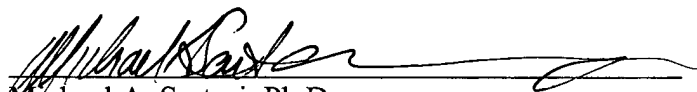
The present application is a continuation of application number 09/571,334 filed May 15, 2000, which is a continuation of application number 09/087,857, filed June 1, 1998 for reissue of Patent 5,596,663 (which issued on January 21, 1997 on application number 08/372,078 filed January 12, 1995). All of the references listed on the concurrently submitted Form PTO 1449 were cited in the prosecution of the aforementioned patent applications. The Examiner is requested to consult these files for copies of the references in accordance with C.F.R. § 1.98(d).

Grouped below are references and the applications in which the references were submitted. Reference codes correspond to those on concurrently filed Form PTO 1449.

- 1) 08/372,078, filed January 12, 1995 (U.S. 5,596,663): References AA-AH and AM-AP listed on the Form PTO 1449 submitted May 15, 2000 in application no 09/971,334.
- 2) 09/871,334, filed May 15, 2000:
 - a. References AI-AL listed on the Form PTO 1449 submitted May 15, 2000.
 - b. References BA-BG listed on Form PTO 1449 submitted August 13, 2001 (Second IDS).
 - c. References CA-CD listed on Form PTO 1449 submitted August 22, 2001 (Supplemental to Second IDS).
 - d. References DA-DN listed on Form PTO 1449 submitted September 13, 2002 (Third IDS).
 - e. References EA-EL listed on Form PTO 1449 submitted December 17, 2002 (Fourth IDS).
 - f. References FA-FD listed on Form PTO 1449 submitted December 17, 2002 (Supplemental to Third IDS).
 - g. Reference GA listed on Form PTO 1449 submitted January 10, 2003 (Supplemental to Fourth IDS).
 - h. References HA-HF listed on Form PTO 1449 submitted May 1, 2003 (Fifth IDS).
 - i. References IA-IC listed on Form PTO 1449 submitted June 9, 2003 (Sixth IDS).
 - j. References JA-JB listed on Form PTO 1449 submitted October 6, 2003 (Seventh IDS).
 - k. References KA-KC listed on Form PTO 1449 submitted December 29, 2003 (Eighth IDS).

Since all requirements of 37 C.F.R. § 1.97-1.98, together with all Official guidelines pertaining to Information Disclosure Statements have now been complied with, it is respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael A. Sartori", is written over a horizontal line.

Michael A. Sartori, Ph.D.

Registration No. 41,289

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MAS/KBL
517302

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

11

Complete if Known

Application Number	To Be Assigned
Filing Date	January 29, 2004
First Named Inventor	Shin ISHIBASHI
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	31328-200393

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,129,349		von ROESGEN	12/78	
	AB	4,149,072		SMITH et al.	4/79	
	AC	4,291,943		BINEK et al.	9/81	
	AD	4,595,839		BRAUN et al.	6/86	
	AE	5,111,363		YAGI et al.	5/92	
	AF	5,202,943		CARDEN et al.	4/93	
	AG	5,295,214		CARD et al.	3/94	
	AH	5,416,871		TAKAHASHI et al.	5/95	
	AI	5,717,533		POPLAWSKI et al.	2/98	
	AJ	5,734,558		POPLAWSKI et al.	3/98	
	AK	5,864,468		POPLAWSKI et al.	1/99	
	AL	5,879,713		POPLAWSKI et al.	3/99	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AM	EPO	437161			7/91		
	AN	EPO	624962			11/94		
	AO	UK	2087681			5/82		
	AP	JP	3-218134			9/91		

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Signature

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Number	Kind Code ² (if known)			
	BA	5,228,188		HOWE	05/12/92	
	BB	5,113,317		BADIHI et al.	07/20/93	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	BC	DE	84 22 793			12/06/84		
	BD	DE	43 33 387			03/31/94		
	BE	DE	36 40 099			06/01/88		
	BF	EP	630 174			12/21/94		
	BG	DE	39 27 752			1991		

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Sheet	3	of	11		

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	CA	5,497,289		SUGISHIMA et al.	03/05/96	
	CB	4,836,107		LANG et al.	06/06/89	
	CC	5,057,025		KLATT et al.	10/15/91	

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	CD	DE	84 22793.091					

Examiner Signature		Date Considered	
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Attorney Docket Number	31238-200393

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	DA	DE	4303780C1					
	DB	DE	4013630A1					
	DC	DE	3701788A1					
	DD	WO	95/20845					
	DE	GB	2253317A					
	DF	GB	2194700A					
	DG	DE	3735038A1					
	DH	DE	3743483A1					
	DI	DE	4209253C1					
	DJ	JP	3-116669					
	DK	JP	4-116372					

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	DL	German Office Action citing publications DA-DG and translation dated August 7, 1996	
	DM	German Opposition Statement citing publications DH-DJ and translation dated July 10, 2002	
	DN	Japan Office Action citing pubs DK-DL and AP (see p.1)	

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		Number	Kind Code ² (if known)			
	EA	5,005,939		Arvanitakis et al.	04-19-1991	
	EB	5,475,518		Karaki	12-12-1995	
	EC	5,109,454		Okuno et al.	4-28-1992	
	ED	5,479,288		Ishizuka et al.	12-26-1995	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	EE	JP	4-42756			04-10-1992		Yes
	EF	JP	5-52802			07-13-1993		Yes
	EG	JP	3-157606			07-05-1991		Abs.

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EH	Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
	EI	Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.	Yes
	EJ	Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
	EK	Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.	Yes
	EL	Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to documents EC and ED, and documents EF and EG, and translation, dated November 19, 2002.	Yes

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Sheet 5 of 11

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First Named Inventor	Shin ISHIBASHI
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Attorney Docket Number	31238-200393

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		Number	Kind Code ² (if known)			
	EA	5,005,939		Arvanitakis et al.	04-19-1991	
	EB	5,475,518		Karaki	12-12-1995	
	EC	5,109,454		Okuno et al.	4-28-1992	
	ED	5,479,288		Ishizuka et al.	12-26-1995	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	EE	JP	4-42756			04-10-1992		Yes
	EF	JP	5-52802			07-13-1993		Yes
	EG	JP	3-157606			07-05-1991		Abs.

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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	EH	Japan Office Action citing JP-A-3-218134 of record and JP-A-5-215943 (equivalent to U.S. Patent 5,202,943, of record), and translation, dated October 29, 2002.	Yes
	EI	Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.	Yes
	EJ	Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
	EK	Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.	Yes
	EL	Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to documents EC and ED, and documents EF and EG, and translation, dated November 19, 2002.	Yes

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	FA	5,606,161		Schulz	02-25-1997	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	FB	DE	37 35 038 A1			04-27-1989		Yes
	FC	DE	37 43 483 A1			07-13-1989		Yes
	FD	DE	42 09 253 C1			02-25-1993		Yes

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 11

Complete if Known

Application Number	To Be Assigned
Filing Date	January 29, 2004
First Named Inventor	Shin ISHIBASHI
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	31238-200393

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	IA	IBM, "Fiber Channel 266 Mb/s Optical Link Cards," 1992.	
	IB	21 C.F.R. § 1040.10 (revised as of April 1, 2002).	
	IC	Thomas & Betts, "INFO-LAN™ Transceiver," 1988.	

Examiner
Signature

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Considered

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	JA	BT&D Technologies, "Preliminary DLX2000," Feb. 1989.	
	JB	BT&D Technologies, "Products from BT&D: Datacommunications," Jan. 1990.	

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	KA	5,019,769		Levinson	05-28-1991	

FOREIGN PATENT DOCUMENTS

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	KB	AMP, "Optimate Transceivers Application Note," Publication #4661-8, Oct. 1989.	
	KC	N. Yoshizawa et al., "1.25 Gb/s Transceiver with SC Duplex Optical Receptacle," Spring Conference in 1993 of The Institute of Electronics, Information and Communication Engineers, page 4-146, 1993 (and translation).	✓

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

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